

Global Butanediol Market Analysis: Plant Capacity, Production, Operating Efficiency, Technology, Demand & Supply, End-User Industries, Sales Channel, Regional Demand, Foreign Trade, Company Share, 2015-2030

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Abstracts

The global Butanediol market has expanded to reach approximately 3300 thousand tonnes in 2022 and is expected to grow at a healthy CAGR of 4.38% during the forecast period until 2030.

Butanediol also known as 1,4 Butanediol, BDO, or Butane-1,4-diol, is a colorless, thick, water-soluble organic compound. It is highly versatile and acts as a precursor to several derivatives such as polyesters, esters, carbamates, and urethanes. On industrial scale, BDO is produced by several methods such as reppe method, maleic anhydride method, butadiene-acetic acid method, propylene oxide method, etc. Among these, the reppe process is the most used method across the world to produce Butanediol. In the reppe method, Formaldehyde reacts with Acetylene followed by hydrogenation to produce BDO. Due to the rising environmental concerns, the 1,4-Butanediol manufacturers are now investing in the production of bio-based BDO that is synthesized from sustainable sources (Plant-based feedstocks) which is expected to drive its market growth during the forecast period.

Butanediol and its derivatives finds uses in various industries such as elastomers, polymer processing, automotive, Electronics and Electricals, Footwear, Textiles, etc. Gamma-butyrolactone (GBL), a derivative of Butanediol is frequently used in industries as a solvent, an intermediate or in the formulations of some drugs. Owing to rapid urbanization across the globe resulting in expansion of population, the demand of Butanediol as a feedstock chemical is anticipated to rise. The global Butanediol market

is anticipated to reach 4700 thousand tonnes by 2030.

By Region, the Butanediol market is segmented into North America, Europe, Asia Pacific, South America, and Middle East & Africa. Asia Pacific dominates the Butanediol market followed by Europe and North America. In 2022, Asia Pacific consumed approximately 65% of the market. Growing demand for spandex fibres and surge from the electronics industry and automotive industry, strengthen the Butanediol market in the developing countries of APAC. In terms of production, Asia Pacific also dominates the global Butanediol market, with China holding more than 60% of the regional capacity.

Based on the end-use, the global Butanediol market is divided into Tetrahydrofuran (THF), Gamma butyrolactone (GBL), PBT (Polybutylene terephthalate), PBAT, and Others. As of 2022, majority of the Butanediol is being consumed by the Tetrahydrofuran (THF) with a market share of about 41%. THF is further utilized to synthesize Polytetramethylene Ether Glycol (PTMEG), a key feedstock used to produce spandex fibers, polyesters, polyethers & urethane elastomers. Polybutylene terephthalate (PBT) chemical is the second largest consumer of Butanediol.

Major players in the production of Global Butanediol are BASF SE, Dairen Chemical Corporation, Chang Chun Dairen (PanJin) Chemical Co., LTD, Bluestar New Chemical Materials Co, Ltd, Henan Kaixiang Fine Chemical Co., LTD, Gulf Advanced Chemical Industries Co. Ltd (GACIC), Ashland Global Holdings Inc. Chongqing Chiyuan Chemical Co., LTD., and others.

Years considered for this report:

Historical Period: 2015- 2022

Base Year: 2022

Estimated Year: 2023

Forecast Period: 2024-2030

Objective of the Study:

To assess the demand-supply scenario of

Butanediol which covers production, demand and supply of Butanediol market in the globe.

To analyse and forecast the market size of Butanediol

To classify and forecast Global Butanediol market based on end-use and regional distribution.

To examine competitive developments such as expansions, mergers & acquisitions, etc., of Butanediol market in the globe.

To extract data for Global Butanediol market, primary research surveys were conducted with Butanediol manufacturers, suppliers, distributors, wholesalers and Traders. While interviewing, the respondents were also inquired about their competitors. Through this technique, ChemAnalyst was able to include manufacturers that could not be identified due to the limitations of secondary research. Moreover, ChemAnalyst analyzed various segments and projected a positive outlook for Global Butanediol market over the coming years.

ChemAnalyst calculated Butanediol demand in the globe by analyzing the historical data and demand forecast which was carried out considering the historical supply and demand of Butanediol across the globe. ChemAnalyst sourced these values from industry experts, and company representatives and externally validated through analyzing historical sales data of respective manufacturers to arrive at the overall market size. Various secondary sources such as company websites, association reports, annual reports, etc., were also studied by ChemAnalyst.

Key Target Audience:

Butanediol manufacturers and other stakeholders

Organizations, forums and alliances related to Butanediol distribution

Government bodies such as regulating authorities and policy makers

Market research organizations and consulting companies

The study is useful in providing answers to several critical questions that are important for industry stakeholders such as Butanediol manufacturers, customers and policy makers. The study would also help them to target the growing segments over the coming years (next two to five years), thereby aiding the stakeholders in taking investment decisions and facilitating their expansion.

Report Scope:

In this report, Global Butanediol market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Market, by End-use: Tetrahydrofuran (THF), Gamma butyrolactone (GBL), PBT (Polybutylene terephthalate), PBAT, and Others

Market, by Sales Channel: Direct Sale and Indirect Sale

Market, by Region: North America, Europe, Asia Pacific, Middle East and Africa, and South America.

Available Customizations:

With the given market data, ChemAnalyst offers customizations according to a company's specific needs

Contents

1. CAPACITY BY COMPANY

On our online platform, you can stay up to date with essential manufacturers and their current and future operation capacity on a practically real-time basis for Butanediol.

2. CAPACITY BY LOCATION

To better understand the regional supply of Butanediol by analyzing its manufacturers' location-based capacity.

3. PRODUCTION BY COMPANY

Study the historical annual production of Butanediol by the leading players and forecast how it will grow in the coming years.

4. CAPACITY BY TECHNOLOGY

To better assess the manufacturing capacities with different technologies as well as understand which technology is more in demand.

5. DEMAND BY END- USE

Discover which end-user industry [Tetrahydrofuran (THF), Gamma butyrolactone (GBL), PBT (Polybutylene terephthalate), PBAT, and Others] are creating a market and the forecast for the growth of the Butanediol market.

6. DEMAND BY REGION

Analyzing the change in demand of Butanediol in different regions, i.e., North America, Europe, Asia Pacific, Middle East and Africa, and South America, that can direct you in mapping the regional demand.

7. DEMAND BY SALES CHANNEL (DIRECT AND INDIRECT)

Multiple channels are used to sell Butanediol. Our sales channel will help in analyzing whether distributors and dealers or direct sales make up most of the industry's sales.

8. DEMAND-SUPPLY GAP

Determine the supply-demand gap to gain information about the trade surplus or deficiency of Butanediol.

9. COMPANY SHARE

Figure out what proportion of the market share of Butanediol is currently held by leading players across the globe.

10. COUNTRY-WISE EXPORT

Get details about quantity of Butanediol exported by major countries.

11. COUNTRY-WISE IMPORT

Get details about quantity of Butanediol imported by major countries.

12. PRICING ANALYSIS & FORECAST

Analyze historical prices since 2015 & Forecast on three months rolling period for next 12 months.

Years considered for this report:

Historical Period: 2015- 2022

Base Year: 2022

Estimated Year: 2023

Forecast Period: 2024-2032

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